JAN 0 3 2007

Attorney's Docket No.: 07148-063003 Client's Ref. No.: CON OF A21-535.13

COMBINED DECLARATION AND POWER OF ATTORNEY

BEST AVAILABLE CORY

As a below i	named inventor, I hereby	declare that:		•
My residenc	e, post office address and	citizenship are as state	ed below next to my n	ame.
joint inventor (if plure	al names are listed below on entitled <u>FATTY ACID</u>	of the subject matter	which is claimed and	v) or an original, first and for which a patent is INCES THEREOF, the
· 2001 as	ed on January 29, 2001 a nd May 14, 2001.	•		as amended on January 29,
[] was de:	scribed and claimed in Po	T International Applic	cation No.	filed on
	and as ame	nded under PCT Articl	e 19 on	·
I hereby state including the claims, a	e that I have reviewed and as amended by any amend	l understand the conter iment referred to above	nts of the above-ident e.	ified specification,
I acknowledg Title 37, Code of Fede	e the duty to disclose alleral Regulations, §1.56.	information I know to	be material to patent	ability in accordance with
I hereby clair application(s) listed be	n the benefit under Title slow:	35, United States Code	e, §119(e)(1) of any U	Inited States provisional
U.S. Se	rial No.	Filing Date		Status
	i.	•		
listed below and, insoft United States applications acknowledge the duty to of Federal Regulations.	a the benefit under Title ar as the subject matter of on in the manner provide to disclose all information, §1.56(a) which became atlonal filing date of this	feach of the claims of d by the first paragrap n I know to be materia available between the	this application is no h of Title 35, United l to patentability as d	ot disclosed in the prior States Code, §112, I efined in Title 37, Code
U.S. Se	rial No.	Filing Date		Status .
	4,109	June 12, 1997		ending
08/57	2,027	December 14, 1995	I	Pending
application(s) for paten country other than the U for patent or inventor's	Jnited States of America certificate or any PCT in terica filed by me on the	or of any PCT interna- listed below and have ternational application	ational application(s) also identified belov n(s) designating at le	designating at least one wany foreign application ast one country other than
Country	Application No		iling Date	Priority Claimed
WIPO	PCT/US96/2009	0 · Decem	nber 13, 1996	[X] Yes [] No



Attorney's Docket No.: 07148-063003 Client's Ref. No.: CON OF A21-535.13

Combined Declaration and Power of Attorney Page 2 of 3 Pages

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

David L. Biek, Reg. No. 33,647
Ronald C. Lundquist, Ph.D., Reg. No. 37,875
John A. Dragseth, Reg. No. 42,497
Monica McCormick Graham, Ph.D., Reg. No. 42,600
Chad A. Hanson, Ph.D., Reg. No. 44,737
Michael J. Kane, Reg. No. 39,722
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J. Richard Soderberg, Reg. No. 43,352
Wayne E. Willenberg, Reg. No. 28,488

Mark S. Ellinger, Ph.D., Reg. No. 34,812 Richard J. Anderson, Reg. No. 36,732 J. Patrick Finn III, Ph.D., Reg. No. 44,109 Sanders Gwin, Reg. No. 33,242 M. Angela Parsons, Ph.D., Reg. No. 44,282 Stephen R. Schaefer, Reg. No. 37,927 Dorothy P. Whelan, Reg. No. 33,814 Nancy A. Johnson, Reg. No. 47,266

Address all telephone calls to RONALD C. LUNDQUIST, PH.D. at telephone number (612) 335-5070.

Address all correspondence to RONALD C. LUNDQUIST, PH.D. at:

TODIND DEPONIE

FISH & RICHARDSON P.C., P.A. 60 South Sixth Street Suite 3300 Minneapolis, MIN 55402

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Manie Of Invalior.	DOMINA DEDOMIE		
Inventor's Signature:	·	Date:	·
Residence Address:	3706 Rochdale Drive		
•	Ft. Collins, CO 80525		. 1
Citizenship:	United States	•	
Post Office Address:	3706 Rochdale Drive		•
•	Ft. Collins, CO 80525		
Full Name of Inventor:	ZHEGONG FAN		
Inventor's Signature:	<u> </u>	Date:	·
Residence Address:	3275 Honeyburyl Dr.		
•	Colorado Springs, CO 80918		
Citizenship:	People's Republic of China		
Post Office Address:	3275 Honeyburyl Dr.		
•	Colorado Springs, CO 80918	•	



JAN 0 3 2007

Attorney's Docket No.: 07148-063003 Client's Ref. No.: CON OF A21-535.13

Combined Declaration and Power of Attorney Page 3 of 3 Pages

Full Name of Inventor: Inventor's Signature:	GUO-HUA MIAO		11/21/01
Residence Address:	8617 NW 70th Court		,
•	Johnston, Iowa 50131		

U SA

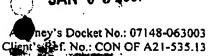
Citizenship: People's Republic of China
8617 NW 70th Court
Johnston, Iowa 50131

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() JAN 0 3 2007



COMBINED DECLARATION AND POWER OF ATTORNEY

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is

2001.	2001 as Application Serial No. 09/771,	•
	ed in PCT International Application No as amended under PCT Article 19 on _	
including the claims, as amended by an	•	
I acknowledge the duty to disc Title 37, Code of Federal Regulations.	lose all information I know to be mater §1.56.	al to patentability in accordance wi
I hereby claim the benefit unde application(s) listed below:	er Title 35, United States Code, §119(e)	(1) of any United States provisions
U.S. Serial No.	Filing Date	Status
isted below and, insofar as the subject	provided by the first paragraph of Title ormation I know to be material to paten	ication is not disclosed in the prior 35, United States Code, §112, I tability as defined in Title 37, Code
cknowledge the duty to disclose all inf		
cknowledge the duty to disclose all infoffederal Regulations, §1.56(a) which		Status
acknowledge the duty to disclose all infoffederal Regulations, §1.56(a) which		

Filing Date

December 13, 1996

Priority Claimed

[X] Yes [] No [] Yes [] No

Application No.

PCT/US96/20090

application(s) of which priority is claimed:

Country

WIPO

JAN 0 3 2007

ney's Docket No.: 07148-063003 Client's Ref. No.: CON OF A21-535.13

Combined Declaration and Power of Attorney Page 2 of 3 Pages

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M. Angela Parsons, Ph.D., Reg. No. 44,282 Stephen R. Schaefer, Reg. No. 37,927

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FISH & RICHARDSON P.C., P.A.

60 South Sixth Street

Suite 3300

Minneapolis, MN 55402

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor:	LORIN R. DEBONTE, PH.D.		
Inventor's Signature:		Date:	
Residence Address:	3706 Rochdale Drive		
Citizenship:	Ft. Collins, CO 80525 United States		
Post Office Address:	3706 Rochdale Drive		
	Ft. Collins, CO 80525		
Full Name of Inventor:	ZHEGONE FAN		
Inventor's Signature:	Heyong Fan	Date:	3-21-2001
Residence Address:	3275 Honeyburyl Dr.		
•	Colorado Springs, CO 80918		
Citizenship:	People's Republic of China		
Post Office Address:	3275 Honeyburyl Dr.		•
	Colorado Springs, CO 80918		



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JAN 0 3 2007

Anamey's Docket No.: 07148-063003 Client's Ref. No.: CON OF A21-535.13

Full Name of Inventor:	GUO-HUA MIAO		·
Inventor's Signature		Date:	
Residence Address:	202 Cherry Blossom Place	· · · · · · · · · · · · · · · · · · ·	
	Hockessin, DE 19707		
Citizenship:	People's Republic of China	•	
Post Office Address:	202 Cherry Blossom Place		•
	Hockessin, DE 19707		

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COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled <u>FATTY ACID DESATURASES AND MUTANT SEQUENCES THEREOF</u>, the specification of which:

specification of whi		CID DESAT CRASES AND	MOTHER BEOCK	ES TRECEOF, die
		l as Application Serial No. 0	9/771,904 and was an	nended on January 29,
[] was (n PCT International Applicati		filed on
	and as a	unended under PCT Article 1	9 on	• .
		and understand the contents sendment referred to above.	of the above-identifie	d specification,
	dge the duty to disclose deral Regulations, §1.5	all information I know to be 6.	material to patentabil	ity in accordance with
I hereby cla application(s) listed		tle 35, United States Code, §	119(e)(1) of any Unit	ed States provisional
U.S.	Serial No.	Filing Date	Sta	tus
United States applicated acknowledge the dut of Federal Regulation	ition in the manner prov y to disclose all informs	er of each of the claims of thing ided by the first paragraph of ation I know to be material to the available between the filing application:	of Title 35, United State patentability as defin	tes Code, §112, I led in Title 37, Code
U.S. S	Serial No.	Filing Date	Stat	tne .
	374,109	June 12, 1997	Pend	
	572,027	December 14, 1995	Pend	
application(s) for pate country other than the for patent or inventor the United States of A	ent or inventor's certific United States of Amer's certificate or any PC' merica filed by me on	fits under Title 35, United State or of any PCT internationical listed below and have als Tinternational application(s) the same subject matter having	onal application(s) des so identified below an designating at least o	ignating at least one y foreign application
ppilouilon(u) ut want	h priority is claimed:		•	
Country	h priority is claimed: Application	No. Filin	g Date	that of the
••••			g Date er 13, 1996	

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ney's Docket No.: 07148-063003 Client's Ref. No.: CON OF A21-535.13

Combined Declaration and Power of Attorney Page 2 of 3 Pages

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Chad A. Hanson, Ph.D., Reg. No. 44,737 Michael J. Kane, Reg. No. 39,722

Mathias W. Samuel, Reg. No. 39,823

J. Richard Soderberg, Reg. No. 43,352 Wayne E. Willenberg, Reg. No. 28,488

Full Name of Inventor

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Sanders Gwin, Reg. No. 33,242

M. Angela Parsons, Ph.D., Reg. No. 44,282 Stephen R. Schaefer, Reg. No. 37,927

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inventor's Signature:	Kank Red South	Date: Much	\ 27.200
Residence Address:	3706 Rochdale Drive		* * * * * * * * * * * * * * * * * * *
	Ft. Collins, CO 80525	•	1
Citizenship:	United States		
Post Office Address:	3706 Rochdale Drive		
	Ft. Collins, CO 80525		
Full Name of Inventor:	ZHEGONG FAN		
Inventor's Signature:	·	Date:	
Residence Address:	3275 Honeyburyl Dr.		
	Colorado Springs, CO 80918	•	
Citizenship:	People's Republic of China		
Post Office Address:	3275 Honeyburyl Dr.		
•	Colorado Springs, CO 80918		



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Alemey's Docket No.: 07148-063003 Client's Ref. No.: CON OF A21-535.13

1.	•	• •
Inventor's Signature: \	•	Date:
Residence Address:	202 Cherry Blossom Place	
•	Hockessin, DE 19707	
Citizenship:	People's Republic of China	•
Post Office Address:	202 Cherry Blossom Place	
	Hockessin, DE 19707	

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JAN 0 3 2807

Attorney's Docket No.: 07148-063003 Client's Ref. No.: CON OF A21-535.13

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

			w next to my nam	
joint inventor (if plural na	mes are listed below)	le inventor (if only one name of the subject matter which i DESATURASES AND MU	is claimed and for	which a patent is
			•	
[] is attached [[X] was filed or 2001 and N		Application Serial No. 09/77	71,904, and was a	mended on January 29,
	ed and claimed in PC	T International Application l	No	filed on
	and as amen	ded under PCT Article 19 or	1 <u> </u>	
I hereby state that neluding the claims, as an	t I have reviewed and nended by any amenda	understand the contents of the ment referred to above.	he above-identifie	d specification,
I acknowledge the Itle 37, Code of Federal I	e duty to disclose all in Regulations, §1.56.	nformation I know to be mat	terial to patentabil	lity in accordance with
I hereby claim the pplication(s) listed below	benefit under Title 3	5, United States Code, §119	(e)(1) of any Unit	ted States provisional
U.S. Serial	No.	Filing Date	Sta	itus
I hereby claim the	benefit under Title 3:	5, United States Code, §120	of any United Sta	ates application(s)
I hereby claim the sted below and, insofar as inited States application in the cknowledge the duty to distinct federal Regulations, §1.	benefit under Title 3: the subject matter of the manner provided sclose all information 56(a) which became a	5, United States Code, §120 each of the claims of this ap by the first paragraph of Ti I know to be material to pate to the filing of the state of	of any United Sta pplication is not di tle 35, United Sta tentability as defir	ates application(s) isclosed in the prior ites Code, §112, I ned in Title 37, Code
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I hereby claim the sted below and, insofar as inited States application in cknowledge the duty to display the federal Regulations, §1. ational or PCT internation U.S. Serial 08/874,10 08/572,02 I hereby claim fore optication(s) for patent or inventor's certical united States of Americal states o	benefit under Title 3: the subject matter of the manner provided sclose all information 56(a) which became a al filing date of this a No. 9 7 eign priority benefits a inventor's certificate d States of America I ificate or any PCT int a filed by me on the s	5, United States Code, §120 each of the claims of this ap I by the first paragraph of Ti I know to be material to pativailable between the filing explication: Filing Date June 12, 1997	of any United State of the 35, United State at the 35, United State at the prior a State of the prior a Penson State application(s) details at least of the state at the state	ates application(s) isclosed in the prior ites Code, §112, I ned in Title 37, Code pplication and the itus ding ding my foreign signating at least one my foreign application one country other than
I hereby claim the sted below and, insofar as inited States application in knowledge the duty to display the frederal Regulations, §1 U.S. Serial 08/874,10 08/572,02 I hereby claim fore optication(s) for patent or inventor's certical plication(s) of which prior of the desired states of Americal or inventor's certical of the prior of which prior of the states of the prior of the pr	benefit under Title 3: the subject matter of the manner provided sclose all information 56(a) which became a al filing date of this a No. 9 7 eign priority benefits a inventor's certificate of States of America I ificate or any PCT int a filed by me on the s rity is claimed:	5, United States Code, §120 each of the claims of this ap by the first paragraph of Ti I know to be material to pat available between the filing opplication: Filing Date June 12, 1997 December 14, 1995 Inder Title 35, United States or of any PCT international isted below and have also ic ernational application(s) decame subject matter having a	of any United State of the 35, United State at the 35, United State at the prior a State of the prior a application(s) detailed below an aignating at least a filing date before	ates application(s) isclosed in the prior ites Code, §112, I ned in Title 37, Code pplication and the atus ding ding my foreign signating at least one my foreign application one country other than e that of the
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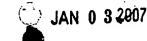
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor:	LORIN R. DEBONTE					•
Inventor's Signature:			Date:			•
Residence Address:	3706 Rochdale Drive Ft. Collins, CO 80525				. 1	-
Citizenship:	United States					
Post Office Address:	3706 Rochdale Drive					
•	Ft. Collins, CO 80525					
Full Name of Inventor:	ZHEGONG FAN					
Inventor's Signature:	<u> </u>	•	Date:	<u></u>		
Residence Address:	3275 Honeyburyl Dr.	•				
•	Colorado Springs, CO 80918					
Citizenship:	People's Republic of China					
Post Office Address:	3275 Honeyburyl Dr.		•		•	•
•	Colorado Springs, CO 80918	•	•			

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Attorney's Docket No.: 07148-063003 Client's Ref. No.: CON OF A21-535.13

Full Name of Inventor: Inventor's Signature:	GUO-HUA MIAO	Date: 11/21/0,	.: /
Residence Address:	8617 NW 70th Court		
Citizenship:	Johnston, Iowa 50131 Recorde's Republic of China USA		
Post Office Address:	8617 NW 70 th Court Johnston, Iowa 50131		

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ney's Docket No.: 07148-063003 Client's Ref. No.: CON OF A21-535.13

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joint inventor (if p sought on the inve specification of wh	ntion entitled FATTY ACID	of the subject matter which is c DESATURASES AND MUTA	laimed and for which NT SEOUENCES TO	a patent is HEREOF, the
	•	Application Serial No. 09/771,	904 and was amended	l on January 29,
[] was		T International Application No.	·	filed on
	and as amer	ided under PCT Article 19 on _	·	
	tate that I have reviewed and is, as amended by any amend	understand the contents of the ment referred to above.	above-identified speci	ification,
	edge the duty to disclose all ederal Regulations, §1.56.	information I know to be materi	al to patentability in a	ccordance with
I hereby c application(s) listed		15, United States Code, §119(e)	(I) of any United Stat	es provisional
U.S	. Serial No.	Filing Date	Status	•
listed below and, in United States applie acknowledge the du of Federal Regulation	sofar as the subject matter of cation in the manner provide ity to disclose all information	5, United States Code, §120 of feach of the claims of this applied by the first paragraph of Title I know to be material to patent available between the filing data application:	ication is not disclosed 35, United States Contability as defined in	d in the prior de, §112, I Title 37, Code
	Serial No.	Filing Date	Status	<u></u> .
	/874,109	June 12, 1997	Pending	. 1 .
08	/572,027	December 14, 1995	Pending	. !
application(s) for pa country other than the for patent or inventor the United States of	atent or inventor's certificate the United States of America or's certificate or any PCT in	under Title 35, United States C or of any PCT international ap- listed below and have also iden ternational application(s) designame subject matter having a fi	plication(s) designatination tified below any forein the same contraction at least one contracti	ng at least one ign application untry other than

Filing Date

December 13, 1996

Priority Claimed

[X] Yes [] No [] Yes [] No

Application No.

PCT/US96/20090

Country WIPO

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ney's Docket No.: 07148-063003 Client's Ref. No.: CON OF A21-535.13

Combined Declaration and Power of Attorney Page 2 of 3 Pages

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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Minneapolis, MN 55402

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

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COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled <u>FATTY ACID DESATURASES AND MUTANT SEQUENCES THEREOF</u>, the specification of which:

	ch:		
[] is atta	ached hereto.	•	•
[X] was f 2001.	–	Application Serial No. 09/771,90	04 and was amended on January 29,
[] was d		[International Application No.	filed on
	and as amend	led under PCT Article 19 on	•
	ate that I have reviewed and , as amended by any amendr	understand the contents of the abnent referred to above.	ove-identified specification,
	dge the duty to disclose all inderal Regulations, §1.56.	nformation I know to be material	to patentability in accordance with .
I hereby cla application(s) listed		5, United States Code, §119(e)(1) of any United States provisional
U.S. 9	Serial No.	Filing Date	Status
acknowledge the duty of Federal Regulation		by the first paragraph of Title 3 I know to be material to patental unliable between the filing date.	bility as defined in Title 37, Code
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